CLAIMS

What is claimed is:

1.   A method of providing a voice service to a telephony device over a telephony network comprising:

5   sending a voice service control instruction from a client network device to a server network device over a non-local network; and

executing the voice service control instruction using the server network device to control a voice service provided to the telephony device over the telephony network.

10   2.   The method of Claim 1 wherein the non-local network is the Internet.

3.   The method of Claim 1 wherein the voice service control instruction is sent under Hypertext Transfer Protocol.

4.   The method of Claim 1 wherein the voice service control instruction is Extensible Markup Language compliant.

15   5.   The method of Claim 1 wherein the telephony network comprises wireless telephony devices.

6.   The method of Claim 1 wherein the telephony network is the Public Switched Telephone Network.

7.   The method of Claim 1 wherein controlling the voice service comprises sending

20   a telephony control instruction from the server network device to a telephony control device on the telephony network.

8.   The method of Claim 1 wherein the voice service comprises text-to-speech conversion.

9.   The method of Claim 1 wherein the voice service comprises automatic speech recognition.

5   10.   The method of Claim 1 wherein the voice service comprises speaker recognition.

11.   A method of controlling connection of a telephony device to a telephony control device on a telephony network comprising:

sending a call status request from a client network device to a server network device over a non-local network;

10   sending a call status response from the server network device to the client network device over the non-local network;

sending a connection control instruction from the client network device to the server network device over the non-local network; and

executing the connection control instruction using the server network

15   device to control connection of the telephony device to the telephony device over the telephony network.

12.   The method of Claim 11 wherein the non-local network is the Internet.

13.   The method of Claim 11 wherein the connection control instruction is sent under Hypertext Transfer Protocol.

20   14.   The method of Claim 11 wherein the connection control instruction is Extensible Markup Language compliant.

15.   The method of Claim 11 wherein the telephony network comprises wireless

telephony devices.

16.   The method of Claim 11 wherein the telephony network is the Public Switched Telephone Network.

17.   The method of Claim 11 wherein controlling comprises sending a telephony control instruction from the server network device to the telephony control device on the telephone network.

18.   The method of Claim 11 wherein the connection control instruction is sent only if the call status response satisfies a criterion.

19.   A method of controlling connection of a telephony device to a telephony control device on a telephony network comprising:

sending a call status message from a server network device to a client network device over a non-local network, the server network device being coupled to the telephony control device;

sending a connection control instruction from the client network device to the server network device over the non-local network; and

executing the connection control instruction using the server network device to control connection of the telephony device to the telephony device over the telephony network.

20.   The method of Claim 19 wherein the non-local network is the Internet.

21.   The method of Claim 19 wherein the connection control instruction is sent under Hypertext Transfer Protocol.

22.   The method of Claim 19 wherein the connection control instruction is Extensible

Markup Language compliant.

23. The method of Claim 19 wherein the telephony network comprises wireless telephony devices.

24. The method of Claim 19 wherein the telephony network is the Public Switched
5 Telephone Network.

25. The method of Claim 19 wherein controlling comprises sending a telephony control instruction from the server network device to the telephony control device on the telephony network.

26. The method of Claim 19 wherein the connection control instruction is sent only
10 if the call status response satisfies a criterion.

27. A method of providing a telephony service to a telephony device over a telephony network comprising:

sending a telephony script from a client network device to a server network device over a non-local network; and

15 executing the telephony script using the server network device to control the telephony services provided to the telephony device over the telephony network.

28. The method of Claim 27 wherein the non-local network is the Internet.

29. The method of Claim 27 wherein the telephony script is sent under Hypertext
20 Transfer Protocol.

30. The method of Claim 27 wherein the telephony script is Extensible Markup

Language compliant.

31. The method of Claim 27 wherein the telephony network comprises wireless telephony devices.

32. The method of Claim 27 wherein the telephony network is the Public Switched Telephone Network.

33. The method of Claim 27 wherein executing the telephony script comprises sending a telephony control instruction from the server network device to the telephony control device on the telephony network.

34. The method of Claim 27 wherein the telephony script includes branching logic instructions.

35. The method of Claim 27 wherein the telephony script is generated by the client in response to the client's status.

36. The method of Claim 27 wherein the telephony script is generated by the client in response to the server's status.

37. The method of Claim 27 wherein the telephony script is generated by the client in response to a client's human user's input.

38. A method of providing a service to a telephony device over a telephony network comprising:

sending control information from a client network device to a server network device over a non-local network; and

processing the control information using the server network device to

control a service provided to the telephony device over the telephony network.

39.   The method of Claim 38 wherein the control information comprises a voice service control instruction.

40.   The method of Claim 38 wherein the control information comprises a telephony
5   script.

41.   A system for providing a service to a telephony device over a telephony network comprising:

> a server network device; and
>
> a client network device for sending control information to the server
10   network device over a non-local network, the server network device processing the control information to control a service provided to the telephony device over the telephony network.